

CLAIMS

1. A safety lock (1) for opening members (2), such
5 as doors and windows, comprising a stop shoulder (3)
arranged adjacent to the frame (4) of the door, a locking
means (5) arranged adjacent to the door (2) and movable
along the plane of the door, and movingly overlapping the
stop shoulder (3), which locking means (5) is operable at
10 least from the inside of the door (2), said locking means
(5) having a locked position, a safety position and an
open position,

c h a r a c t e r i s e d i n t h a t

said locking means (5) constitutes both lock and
15 limitation for the opening movement of the door,

the end part (6) of the locking means, when the
locking means (5) is in its safety position, is movable
a limited distance perpendicular to the plane of the
door, the end part (6) of said locking means engaging
20 an abutment means (7) arranged adjacent to the frame (4)
and thus limiting the opening movement of the door,

the end part (6) of the locking means, when the
locking means (5) is in its locked position, is rigidly
connected to the remaining part of the locking means (5)
25 and overlaps said stop shoulder,

said locking means (5), in its open position, is
moved away from its position overlapping said stop
shoulder (3).

30 2. A safety lock (1) as claimed in claim 1, wherein
said locking means (5) is angleable and thus connectible
to the abutment means (7) to limit the opening movement
of the door.

35 3. A safety lock (1) as claimed in claim 1 or 2,
wherein the locking means (5) is tiltable adjacent to

the frame (4) when the locking means (5) is in its safety position,

the end part (6) of said locking means being movable perpendicular to the plane of the door (2), which means
5 that, when the door (2) leaves its closed position, the end part (6) of the locking means engages said abutment means (7) to limit the opening movement of the door (2).

4. A safety lock (1) as claimed in any one of the
10 preceding claims, wherein said locking means is a latch bolt (5).

5. A safety lock (1) as claimed in any one of the preceding claims, wherein the stop shoulder is a recess
15 (3) in the frame.

6. A safety lock (1) as claimed in any one of the preceding claims, wherein the stop shoulder is a lock plate (3).
20

7. A safety lock (1) as claimed in any one of the preceding claims, wherein the abutment means is a hook means (7).

8. A safety lock (1) as claimed in any one of the preceding claims, wherein the abutment means (7) is a recess.
25

9. A safety lock (1) as claimed in any one of the preceding claims, wherein the angleability of said locking means (5) is blocked by a bridging rigid blocking element (8; 8') when the locking means (5) is in its locked position.
30

10. A safety lock (1) as claimed in any one of the preceding claims, wherein the end part (6) of the locking means is provided with a recess (9).
35

17

11. A safety lock (1) as claimed in any one of the preceding claims, wherein the locking means (5) is telescopically extensible and spring loaded against its short position.

5

12. A safety lock (1) as claimed in any one of the preceding claims, wherein the blocking element (8; 8') and the locking means (5) are separately operable.

10

13. A safety lock (1) as claimed in any one of the preceding claims, wherein the blocking element (8; 8') and the locking means (5) are simultaneously operable.

14. A safety lock (1) as claimed in any one of the preceding claims, wherein the locking means (5) is operable by a key.

15. A safety lock (1) as claimed in any one of the preceding claims, wherein the blocking element (8; 8') is operable by a key.

20

16. A safety lock (1) as claimed in any one of the preceding claims, wherein the safety lock (1) is manually operable from the inside of the door (2).

25